

## **CLAIMS**

1. - Procedure for construction of multi-layer cylindrical containers, of among the different procedures of manufacturing containers for individual products, this invention being essentially characterized in a special construction of the container, based on:

- cutting separately the sheets (1) and (2) in rectangular shapes and with one of their corners recessed (1.2) and (2.4), respectively, one of the sheets (1), the interior, being slightly greater in height than the other sheet (2), including in the recessing, as well as being made of conventional metallic material, which can be provided or not with another metallic coating (1.1), whilst the other sheet (2) is double, having a layer (2.1) of plastic material and formed externally by an alignment of a multiplicity of cylindrical sectors (2.2) which constitute lenses which, depending on the viewing angle, reflect diverse images incorporated on the innermost plastic sub-sheet (2.3),

- superimposing the two sheets (1) and (2), without adhesives and securing them mutually to each other,

- uniting their end sides and hooking them together, configuring a tube (3) with both sheets, the metallic one and that of plastic, so that one of their corners is in the upper vertical position,

- configuring a small flange (1.3) at the top, by rounding off the rim of the metallic sheet (1), covering the rim of the plastic sheet (2), so that one of the ends of the small flange (1.3) overlaps the other, in the area of the corner recess of both sheets, leaving the upper horizontal rim of the plastic sheet completely embedded inside the small flange (1.3) of the metallic sheet (1), save in the segment of the recess, wherein this rim of the plastic sheet (2) is flush with the lower rim of the small flange (1.3),

- inserting the lower lip (1.4) of the metallic sheet (1) in the bottom piece (4) of the container, provided with an internal step (4.1),

- flanging (4.2) the bottom, leaving it ready to introduce the product and to insert the cover (5).

2. - Procedure for construction of multi-layer cylindrical containers, according to the previous claim, characterized in that, alternatively, when the body (6) need not have an excessive height it can be constructed by pressing, the same as the cover (7), mounting previously stamped, formed and

superimposed the plastic sheets (1) on the metallic sheet or sheets (2), the sheet or sheets (2) leaving a rim (8) projecting from the sheets (1) on all the periphery thereof, proceeding finally to form a small flange (9) edging the projecting rim (8) of the metallic sheet or sheets (2) over the rim of the plastic layer (1).

3. – Multi-layer cylindrical container, obtained according to the procedure of the previous claims, characterized in being of tubular multi-layer constitution, of laminar origin with an upper vertical recess, with the interior sheet in sheet metal (1) provided or not with another metallic coating (1.1), plus another double plastic sheet (2), slightly smaller in height and with an external layer (2.1) in alignment of a multiplicity of cylindrical sectors (2.2) and another internal (2.3) with images, as well as a small flange (1.3) of the sheet (1), which incorporates the sheet (2), except in the segment of the recess, wherein this rim of the plastic sheet (2) is flush with the lower rim of the overlap of the flange (1.3), whilst the lower lip (1.4) of the sheet (1) is inserted in the bottom piece (4) of the container, provided with an internal step (4.1).

4. – Multi-layer cylindrical container, according to the previous claims, characterized in that, both the tube (3) and the equivalent body (6) are prepared in any geometric configuration of the rim and the skirt: round, oval, polygonal or mixing straight segments with other curved ones, as well as having the base thereof both in a flat form and curved concavely or convexly.